



Dart Hawkesbury  
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada  
Tel (613) 632-5200  
Fax 613 632-5246

# Purchasing Receipts

PO No	Supplier Name	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Container No	Status	Receive Date	Price/Unit	Aging Days	Past Due	Total	Supplier Name	
P0042009	SAB002-VC	1	1	Net 30	MDELIRINB1.000X4.000	Delrin Bar : MATERIAL: DELIRIN II 150E OR ACETRON GP ACETAL receive ft				20	1/4/2019	20		S142712	Stock	17/2019	\$ 29.00 / ft	1		\$580.00	Polymershapes Distribution Canada Inc.	
		2			MDELIRINR0.750	Delrin Round Bar 0.75" Color: Black : MATERIAL: DELIRIN II 150E OR ACETRON GP ACETAL				128		64		S142713	Stock	17/2019	\$ 2.40 / ft	1		\$153.60	Polymershapes Distribution Canada Inc.	
		3			MLEXS.125-9034-01	1/8" 9034 Lexan Sheet (Clear) : MATERIAL: GE PLASTIC LEXAN™ SHEET receive sf				64		64		S142742	Stock	12/14/2018	\$ 3.44 / sf	25		\$220.00	Polymershapes Distribution Canada Inc.	
										Total:	212		148								\$718.15	



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

# PURCHASE ORDER PO042009

**Supplier:** SAB002-VC  
Polymershapes Distribution Canada Inc.  
1665 55th Avenue  
Dorval  
QC  
H9P 2W3 Canada  
Phone: 514 422 1048  
Fax: 514 422 1055

**PO No:** PO042009

**PO Date:** 12/11/18

**Due Date:** 12/31/18

**Purchase Order**

**Revision:**

**Revision Date:**

**Ship-To Contact:** Lavoie, Chantal  
clavoie@dartaero.com

E-MAILED  
DEC 11 2018

**Ship To:** 1270 Aberdeen Street  
Hawkesbury  
ON  
K6A 1K7 Canada  
Phone: 613-632-5200

**Via:** Ground

**Pymt Terms:** Net 30

**Freight Terms:**

**Special Comments:**

## Items

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1 ✓ AT		MDELRINB1.000X4.000		Delrin Bar : MATERIAL: DELRIN II 150E OR ACETRON GP ACETAL receive ft	Firmed	-	12/31/18	20 ft ✓ 20ft	0 ft	20 ft AT 19/01/08	\$29.00/ft	\$580.00
2 ✓ AT		MDELRINR0.750		Delrin Round Bar 0.75" Color: Black : MATERIAL: DELRIN II 150E OR ACETRON GP ACETAL	Firmed	-	12/31/18	128 ft 64ft	0 ft	128 ft AT 19/01/08	\$2.40/ft	\$307.20
3 ✓ AT		MLEXS.125-9034-01		1/8" 9034 Lexan Sheet (Clear) : MATERIAL: GE PLASTIC LEXAN™ SHEET receive sf	Firmed	-	12/19/18	64 sf ✓ 64sf	0 sf	64 sf AT 19/01/08	\$3.4375/sf	\$220.00

Grand Total: \$1,107.20

Plex 12/11/18 10:32 AM dart.lavoie.chantal



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

## **PURCHASE ORDER PO042009**

### **Order Notes**

**Procurement Quality Clauses**

A005 right of entry

A012 chemical and physical test report

A016 personnel qualification

A017 raw material identification (as applicable)

A026 certification of material conformance

A041 quality management system

A042 dart notification by supplier

A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

*Plex 12/11/18 10:32 AM dart.lavoie.chantal*



**Expéditeur à:**  
DART AEROSPACE LTD  
1270 ABERDEEN STREET  
HAWKESBURY, ON, K6A 1K7  
CANADA  
téléphone - 1 (613) 6325200

**Facturer à:**  
DART AEROSPACE LTD  
1270 ABERDEEN STREET  
HAWKESBURY, ON, K6A 1K7  
Canada

**BORDEREAU D'EXPÉDITION**

**BON DE COMMANDE:**

**DATE:** 04-JAN-2019  
**COMMANDE:** 93039476

**ENTREPÔT POLYMERSHAPES - MONTREAL QC**  
Dorval, QC, H9P 2W3, CA.,  
**TÉL DE LA PERSONNE-RESSOURCE:**  
0014005000120

**BON DE COMMANDE:**  
PO042009

**MODALITÉS DE PAIEMENT:**  
CA NET 30  
F.A.B.

**MODALITÉS DE TRANSPORT:**  
Collect Freight REPRESENTANT:  
MONTREAL HOUSE

**DATE DE LA COMMANDE:**  
12-DEC-18  
**NOM POUR LIVRAISON:**  
50628293

**N° DE CONNAISSANCE JOURNEY** **TRANSPORTEUR DE MARCHANDISES: CUSTOMER CHOICE - REVIEW NOTES** **COMMENTAIRE SUR FRAIS DE TRANSPORT:**

CATÉGORIE	NUMÉRO DE PIÈCE / DESCRIPTION DE L'ARTICLE	DATE D'EXPÉDITION	QTE COMMANDÉE	QTE EXPÉDIÉE	QTE NON EXPÉDIÉE	UDM
1	55247104-C ACT SH 1.000 24.00x48.00 BK CPI ACETRON GP INSTRUCTIONS SPÉCIALES: CUT TO 5 PCS 4" X 48", C OF C ASTM D6778 POM 0211 Numéros de LOT: (1 Qté) CUT SIZE W/ID : 24.00 CUT SIZE L/OD : 48.00			1	0	EA
2	65152104 ACT RD 0.750 BK CPI ACETRON GP INSTRUCTIONS SPÉCIALES: C OF C REQUIRED ASTM D6778 POM 0211 Numéros de LOT: (128 Qté) CUT SIZE W/ID : 24.00 CUT SIZE L/OD : 48.00			128	0	FT
3	99400996 CUTTING CHARGE INSTRUCTIONS SPÉCIALES: Numéros de LOT: (1 Qté) CUT SIZE W/ID : 24.00 CUT SIZE L/OD : 48.00			1	0	EA

**REÇU EN BON ÉTAT**  
**Signé:**

**Date:**

À moins qu'il en soit convenu autrement dans un document signé par les deux parties, toute vente par Polymershapes est effectuée exclusivement aux termes des conditions de vente standard de Polymershapes, qui peuvent être obtenues sur demande et en ligne à l'adresse [www.polymershapes.com](http://www.polymershapes.com). BIEN QUE LES RENSEIGNEMENTS, LES RECOMMANDATIONS OU LES CONSEILS FIGURANT AUX PRÉSENTES SOIENT DONNÉS DE BONNE FOI, POLYMERSHAPES NE DONNE AUCUNE GARANTIE, EXPRESSE OU IMPLICITE, QUANT AUX RÉSULTATS, À L'EFFICACITÉ OU À LA SÉCURITÉ DE TOUTE CONCEPTION CONTENANT DES PRODUITS, MATÉRIAUX, SERVICES, RECOMMANDATIONS OU CONSEILS DE POLYMERSHAPES. SAUF TEL QU'IL EST INDIQUÉ DANS LES CONDITIONS DE VENTE STANDARD DE POLYMERSHAPES, POLYMERSHAPES ET SES REPRÉSENTANTS NE SONT EN AUCUN CAS RESPONSABLES DE TOUTE PERTE DÉCOULANT DE L'UTILISATION DE SES MATÉRIAUX, PRODUITS OU SERVICES DÉCRITS AUX PRÉSENTES

Chaque utilisateur assume l'entière responsabilité de ses décisions quant au caractère convenable des produits, des matériaux, des services, des recommandations ou des conseils pour sa propre utilisation. Chaque utilisateur doit identifier et effectuer tous les tests et analyses nécessaires pour s'assurer que ses pièces finies contenant des produits, matériaux ou services achetés de Polymershapes seront sûres et pourront être utilisées dans des conditions d'utilisation finales. Aucune disposition du présent document ou de tout autre document, ni aucune recommandation ou aucun conseil verbal, ne sera réputé modifier, faire varier, remplacer ou annuler toute disposition des conditions de vente de Polymershapes ou de la présente exclusion de responsabilité, à moins que cette modification ne soit précisément acceptée dans un écrit signé par Polymershapes. Aucun énoncé figurant aux présentes relativement à l'utilisation éventuelle ou suggérée de tout matériau, produit, service ou conception n'a pour but d'accorder, ni ne doit être interprété comme accordant, une licence sur les droits de brevet ou d'autres droits de propriété intellectuelle de Polymershapes ou de l'une de ses filiales ou d'un membre de son groupe couvrant cette utilisation ou cette conception, et ne doit pas être interprété comme une recommandation relative à l'utilisation de ce matériau, produit, service ou concept en violation d'un droit de brevet ou d'un autre droit de propriété intellectuelle.

\*\*\*Rapport de fin de\*\*\*

1/8/2019

Mail - atollis@dartaero.com

RE: quote po042009

Olga Kuchyna <okuchyna@polymershapes.com>

Tue 1/8/2019 9:24 AM

To: Chantal Lavoie <clavoie@dartaero.com>;

Cc: Andrew Tollis <atollis@dartaero.com>;

Attachments (107 KB)

Numérisé sur une imprimante multifonctions Xerox.pdf;

Hi Chantal,

I checked with shipping and 64 feet were left behind.

We received the material for your purchase orders PO042027 and PO041959 first release of 20 sheets will ship out today we will include the 64 feet with the shipment.

Do you want us to credit and rebill as the full 128 feet were billed. Please confirm.

Attached is the cert for the 9034 material.

Thank you,

Olga Kuchyna

Représentante Ventes Internes / Service à la Clientèle

**Polymershapes Distribution Canada Inc.**

1665 55ième Avenue

Dorval, QC, H9P 2W3

T 514-422-1040

F 514-422-1055

E: [okuchyna@polymershapes.com](mailto:okuchyna@polymershapes.com)

W: [www.polymershapes.com](http://www.polymershapes.com) NOUVEAU!!!

<https://outlook.office.com/owa/?realm=dartaero.com&exsvurl=1&l-cc=1033&modurl=0&path=/mail/inbox>

## Certificate of Conformance

1665 55<sup>th</sup> Avenue  
Dorval, Quebec,  
H9P 2W3

Date: January 3, 2019

Attn: RECEIVING DEPARTMENT

Customer P.O. Number: PO042009

To: DART AEROSPACE LTD.

Sales Order No: 93039476

Address: 1270 ABERDEEN STREET

Manufacturer's Reference: 0002425927

HAWKESBURY, ON.

Our Reference: MTL-107972

It is hereby certified that, to the best of Polymershapes Distribution Canada knowledge, the product information provided below conforms to the corresponding information in the possession of Polymershapes Distribution Canada with respect to such products. This certification and the sale of products are, unless otherwise agreed to in writing, subject to Polymershapes Distribution Canada standard conditions of sale. This document shall not be reproduced, except in full, without prior written approval.

Quantity	Description	Lot Number/Spec.
1 SHT	ACETRON GP BLACK PLATE 1" X 24" X 48"	0009044165 ASTM D6788 POM 0211
128 FT	ACETRON GP BLACK ROD .750 DIA. X 96 IN	0010006767 ASTM D6778 POM 0211

Polymershapes Canada Distribution Inc.

By:



Title:

Quality Coordinator



**QUADRANT**  
ENGINEERING PLASTIC PRODUCTS

Quadrant EPP USA, Inc.  
2120 Fairmont Avenue, P.O. Box 14235  
Reading, PA 19612-4235  
Phone 610-320-6600

**Ship to:**

Polymershapes - Dorval  
1665 - 55th Avenue

Dorval, QUE H9P 2W3  
Canada

Consignee: 0002000430

**Sold to:**

Polymershapes - Dorval  
1665, 55 Avenue

Dorval, QUE H9P 2W3  
Canada

Delivery address: 1A  
Delivery No: 10258692

**Declaration of compliance with the order according EN 10204 - 2.1**

**ACETRON GP PLATE Black**

**1 x 24 x 48 IN**

**STD TOLERANCE**

Item No: 02100110123

Lot: 0009044165

Ship date: 12/14/18

Original Production Lot: 0009020656

Date of MFG: 09/14/18

Qty: 1.00 PC

Supplied against purchase order number: MTL-107972

Quadrant Order No: 0002425927

Product is known as POLYOXYMETHYLENE COPOLYMER (POM C) Acetal.

Made with resin that meets ASTM D6778 POM 0211.

(ASTM D6778 replaced ASTM D4181 which superseded LP392)

Typical product is capable of meeting the requirements of ASTM D6100 S-POM 0211 LP.

Regulatory compliance statement for FDA, NSF, 3A dairy (3A SSI) and EU directives is available upon request.

We hereby certify that the goods described above comply with the terms of the order contract and conform to our Product Specifications. The Quality Management System of the Quadrant EPP plants in Reading, PA, Scranton, PA, Wytheville, VA, Delmont, PA and Ft. Wayne, IN are certified according to ISO 9001. The ISO Certificate is available upon request.

CERTIFIED BY: Eric Weir

FUNCTION: Product Specification & Certification Engineer

E-MAIL: eric.weir@qplas.com

DATE: 12/14/18

DIGITAL SIGNATURE





DESIGN 	DRAWN BY 	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED 	APPROVED 	DRAWING NO. M-DELFIN-S	REV. A SHEET 1 OF 1
DATE 02.10.10		TITLE DELFIN SHEET	SCALE NTS
A	02.10.10	NEW ISSUE	

RELEASED  
02 11 04

PURCHASE MATERIAL: DELFIN II 150E OR ACETRON GP ACETAL

DART NUMBER : M-DELFIN-S | .TTT | WHERE .TTT = THICKNESS IN INCHES  
| THICK |

EG. 0.125" DELFIN II 150E = M-DELFIN-S.125

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# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: MODEL IN BR 1.000 x 4.000  
 DATE: 19/01/08

PO / BATCH NO.: P0042009 / S142712

MATERIAL CERT REC'D: Yes  
 QUANTITY RECEIVED: 2054  
 QUANTITY INSPECTED: 2054  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 1.000"  
 THICKNESS RECEIVED: 1.000"  
 SHEET SIZE ORDERED: -  
 SHEET SIZE RECEIVED: -

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	(N)	
CORRECT FINISH	(Y)	N	
CORROSION	Y	(N)	
CORRECT GRAIN DIRECTION	(Y)	N	
CORRECT MATERIAL PER M-DRAWING	(Y)	N	<u>Acetal</u>
CORRECT THICKNESS	(Y)	N	
PHOTO REQUIRED	Y	(N)	
CORRECT REF # TO LINK CERT	(Y)	N	<u>P0042009</u>
CORRECT MATERIAL IDENTIFICATION	(Y)	N	
CORRECT M# ON THE MATERIAL	(Y)	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	(N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	(N)	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

*testers located in the Quality Office*

<b>QC 18 INSPECTION</b>		<b>ENGINEERING SIGNOFF (if required)</b>	
INSPECTED BY: <u>DAS 61</u>	SIGNED OFF BY: _____		
DATE: <u>19/01/08</u>	DATE: _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

## Certificate of Conformance

1665 55<sup>th</sup> Avenue  
Dorval, Quebec,  
H9P 2W3

Date: January 3, 2019

Attn: RECEIVING DEPARTMENT

Customer P.O. Number: PO042009

To: DART AEROSPACE LTD.

Sales Order No: 93039476

Address: 1270 ABERDEEN STREET

Manufacturer's Reference: 0002425927

HAWKESBURY, ON.

Our Reference: MTL-107972

It is hereby certified that, to the best of Polymershapes Distribution Canada knowledge, the product information provided below conforms to the corresponding information in the possession of Polymershapes Distribution Canada with respect to such products. This certification and the sale of products are, unless otherwise agreed to in writing, subject to Polymershapes Distribution Canada standard conditions of sale. This document shall not be reproduced, except in full, without prior written approval.

Quantity	Description	Lot Number/Spec.
1 SHT	ACETRON GP BLACK PLATE 1" X 24" X 48"	0009044165 ASTM D6788 POM 0211
128 FT	ACETRON GP BLACK ROD .750 DIA. X 96 IN	0010006767 ASTM D6778 POM 0211

Polymershapes Canada Distribution Inc.

By:

Title:

  
Quality Coordinator

Unless otherwise agreed to in a document signed by both parties, any sale of products by Polymershapes Distribution Canada Inc. ("Polymershapes") is made exclusively under Polymershapes' Standard Terms and Conditions of Sale, which are available at [www.polymershapes.com](http://www.polymershapes.com). POLYMERSHAPES MAKES NO WARRANTY, EXPRESS OR IMPLIED, WITH RESPECT TO THE PERFORMANCE, SUITABILITY OR FITNESS FOR INTENDED USE OF ITS PRODUCTS IN ANY CUSTOMER'S APPLICATION. Nothing in this or any other document, nor any oral recommendation or advice, shall be deemed to alter, vary, supersede, or waive any provision of Polymershapes' Standard Terms Conditions of Sale or this disclaimer. No statement contained herein concerning a possible or suggested use of any material, product, service or design is intended, or should be construed, to grant any license under any patent or other intellectual property right of Polymershapes or any of its subsidiaries or affiliates covering such use or design, or as a recommendation for the use of such material, product, service or design in the infringement of any patent or other intellectual property right.



Quadrant EPP USA, Inc.  
2120 Fairmont Avenue, P.O. Box 14235  
Reading, PA 19612-4235  
Phone 610-320-6600

**Ship to:**

Polymershapes - Dorval  
1665 - 55th Avenue

Dorval, QUE H9P 2W3  
Canada

Consignee: 0002000430

**Sold to:**

Polymershapes - Dorval  
1665, 55 Avenue

Dorval, QUE H9P 2W3  
Canada

Delivery address: 1A  
Delivery No: 10258692

**Declaration of compliance with the order according EN 10204 - 2.1**

**ACETRON GP ROD Black**

**.75 x 96 IN**

**STD TOLERANCE**

Item No: 02100120026

Lot: 0010006767

Ship date: 12/14/18

Date of MFG: 08/25/18

Qty: 16.00 PC

Supplied against purchase order number: MTL-107972

Quadrant Order No: 0002425927

Product is known as POLYOXYMETHYLENE COPOLYMER (POM C) Acetal.

Made with resin that meets ASTM D6778 POM 0211.

(ASTM D6778 replaced ASTM D4181 which superseded LP392)

Typical product is capable of meeting the requirements of ASTM D6100 S-POM 0211 LP.

Regulatory compliance statement for FDA, NSF, 3A dairy (3A SSI) and EU directives is available upon request.

We hereby certify that the goods described above comply with the terms of the order contract and conform to our Product Specifications. The Quality Management System of the Quadrant EPP plants in Reading, PA, Scranton, PA, Wytheville, VA, Delmont, PA and Ft. Wayne, IN are certified according to ISO 9001. The ISO Certificate is available upon request.

CERTIFIED BY: Eric Weir

FUNCTION: Product Specification & Certification Engineer

E-MAIL: eric.weir@qplas.com

DATE: 12/14/18

DIGITAL SIGNATURE

A handwritten digital signature in black ink, appearing to read 'Eric Weir', is placed over the 'DIGITAL SIGNATURE' text.

# SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL : DELRIN II 150E OR ACETRON GP ACETAL

PART NUMBER : M-DELRIN-R.D.DDD | X |  | COLOR |  
DIA | CODE

WHERE D.DDD = DIAMETER IN INCHES  
 X = COLOR CODE, "W" = WHITE, OMITTED = BLACK  
EG. 1" BLACK ROUND BAR = M-DELRIN-R1.000  
2" WHITE ROUND BAR = M-DELRIN-R2.000W

RELEASED

2010 MAR 27 4P  
E-3 18-657

APPROVED

B	UPDATE DRAWING TO CURRENT STANDARDS, ADD MATERIAL, LOCKED, AND REVISION CIR-110, ADD ACETRON GP ACETAL AS OPTION (REV. A1).	SAD	17.10.19
A	NEW ISSUE	DS	01.11.12
REV.	DESCRIPTION	BY	DATE
DESIGN	SAD		
DRAWN	SAD		
CHECKED	RF		
MFG. APPR.	RA		
APPROVED	HS		
DE APPR.	CP 47		
DATE	17.10.19		
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA			
DRAWING NO. M-DELRIN-R			
REV. B			
SHEET 1 OF 1			
SCALE			
NTS			
DELIN ROUND BAR			
EG. 1" BLACK ROUND BAR = M-DELRIN-R1.000 2" WHITE ROUND BAR = M-DELRIN-R2.000W			



# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: MD6LRWR. 750  
DATE: 19/01/08

PO / BATCH NO.: P0042009 / 5142713

MATERIAL CERT REC'D: KA  
QUANTITY RECEIVED: 64ft  
QUANTITY INSPECTED: 64ft  
QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.750  
THICKNESS RECEIVED: 0.750  
SHEET SIZE ORDERED: —  
SHEET SIZE RECEIVED: —

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y N	
CORROSION	Y <input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="radio"/> Y N	<u>Acetal</u>
CORRECT THICKNESS	<input checked="" type="radio"/> Y N	
PHOTO REQUIRED	Y <input checked="" type="radio"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y N	<u>P0042009</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>61</u> DATE: <u>19/01/08</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



**Expédier à:**  
DART AEROSPACE LTD  
1270 ABERDEEN STREET  
HAWKESBURY, ON, K6A 1K7  
CANADA  
téléphone - 1 (613) 6325200

**Facturer à:**  
DART AEROSPACE LTD  
1270 ABERDEEN STREET  
HAWKESBURY, ON, K6A 1K7  
Canada

**BORDEREAU D'EXPÉDITION**

**BON DE COMMANDE:**

**DATE:** 13-DEC-2018  
**COMMANDE:** 93039476  
**MODALITÉS DE PAIEMENT:**  
CA NET 30  
F.A.B.

**ENTREPÔT POLYMERSHAPES - MONTREAL QC**  
Dorval, QC, H9P 2W3, CA.,  
**BON DE COMMANDE:**  
PO042009  
**MODALITÉS DE TRANSPORT:**  
Collect Freight REPRESENTANT:  
MONTREAL HOUSE

**TÉL. DE LA PERSONNE-RESSOURCE:**  
001 400 5000120  
**DATE DE LA COMMANDE:**  
12-DEC-18  
**NOM POUR LIVRAISON:**  
50056829

N° DE CONNAISSANCE		TRANSPORTEUR DE MARCHANDISES:		COMMENTAIRE SUR FRAIS DE TRANSPORT:	
JOURNEY		CUSTOMER CHOICE - REVIEW NOTES			
CATÉGORIE	NUMÉRO DE PIÈCE / DESCRIPTION DE L'ARTICLE	DATE D'EXPÉDITION	QTE COMMANDEE	QTE EXPÉDIEE	QTE NON EXPÉDIEE UDM

1	11149101 PC SH 0.118 48X96 CL 112 U2 ILEXAN 9034 INSTRUCTIONS SPÉCIALES: C OF C REQUIRED Numéros de LOT: (2 Qté)			2	0 SH
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**REÇU EN BON ÉTAT**  
**Signé:**

**Date:**

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\*\*\*Rapport de fin de\*\*\*



**Certificate of Conformance**1665 55<sup>th</sup> Avenue  
Dorval, Quebec,  
H9P 2W3**Date:** December 13/2018**Attn:** RECEIVING DEPARTMENT**Customer P.O. Number:** PO042009**To:** DART AEROSPACE LTD.**Sales Order No:** 93039476**Address:** 1270 ABERDEEN STREET**Manufacturer's Reference:** 2617801

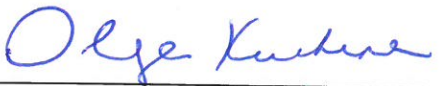
HAWKESBURY, ON.

**Our Reference:** MTL-107791

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Quantity	Description	Lot Number/Spec.
2 SHT	LEXAN 9034 CLEAR SHEET .118 X 48" X 96"	0008373947

Polymershapes Canada Distribution Inc.

**By:****Title:**

Quality Coordinator

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# Certificate of Analysis

**Certificate Type:**

Insp. certificate "3.1" EN  
10204

ate printed: NOV/02/2018



POLYMERSHAPES - MTL

1665 55TH AVENUE

Quebec

H9P 2W3

DORVAL

Canada

**Shipped from details:**

SABIC INNOVATIVE PLASTICS US LLC

1 LEXAN LN

47620-0000

MT. VERNON

USA

Material Number	22049566
Material Description	9034-112-3.000-1219.0-2439-000
Material Group	LEXAN™ sheet
Batch Number	0008373947
Manufacturing Plant	Mt. Vernon
Manufacturing Date	JUN/05/2018
Sales Order	2617801
Delivery	800478610
Customer PO Number	mtl-107791

Characteristic	Unit	Value	Lower Limit	Upper Limit	Inspection method
GAUGE IN IN	Inch	0.1160	0.1121	0.1239	SABIC
WIDTH IN IN	Inch	48.750	48.500	49.000	SABIC
LENGTH IN IN	Inch	96.75	96.50	97.00	SABIC
FLATNESS	Inch	0.10		0.30	SABIC
SQUARENESS	Inch	0.13		0.25	SABIC
VISUAL INSPECTION	-	Pass	-	-	SABIC
VISUAL INSPECTION RIPPLE	count	4.5		4.5	SABIC
DISTORTION	-	Pass	-	-	SABIC
DIE LINES	count	4.5		4.5	SABIC
II USIONS P/F	-	Pass	-	-	SABIC
BLACK SPECKS	-	Pass	-	-	SABIC
MASKING COVERAGE	-	Pass	-	-	SABIC
MASKING APPEARANCE	-	Pass	-	-	SABIC

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SABIC INNOVATIVE PLASTICS US LLC

1 LEXAN LN

47620-0000

MT. VERNON

USA

MASKING NO SPLICES	-	Pass	-	-	SABIC
SHEET SURFACE TEMPERATURE	°F	200.0	200.0	300.0	SABIC
<i>SPECIFIC GRAVITY</i>	<i>g/cm3</i>	<i>1.1982</i>	<i>1.180</i>	<i>1.220</i>	<i>ASTM D792</i>
<i>FLEXURAL MODULUS, 3.2MM</i>	<i>lb / in2</i>	<i>333640.</i>	<i>304600.</i>	<i>500000.</i>	<i>ASTM D790</i>
<i>FLXURAL STRENGTH, 3.2MM</i>	<i>lb / in2</i>	<i>13814.0</i>	<i>12000.0</i>	<i>32000.0</i>	<i>ASTM D790</i>
<i>IZOD IMPACT NOTCH 23°C, 3.2MM</i>	<i>ftlb/in</i>	<i>17.8</i>	<i>12.0</i>	<i>30.0</i>	<i>SABIC</i>
<i>HDT EW 1.82MPA 3.2MM</i>	<i>°F</i>	<i>269.0</i>	<i>257.0</i>	<i>400.0</i>	<i>ASTM D648</i>

The results in bold/italics are audit tests, latest done on 11/14/2017.

General Note : This document is computer generated and does not require a signature

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\*\*\* End \*\*\*

PURCHASE MATERIAL: GE PLASTICS LEXAN™ SHEET

PART NUMBER: MLEXS.TTT-X-YY

WHERE TTT = THICKNESS (THOUSANDTHS OF AN INCH)  
X = GE POLYMER SHAPES MATERIAL/TEXTURE CODE (PER TABLE BELOW)  
YY = COLOUR CODE (PER TABLE BELOW)

GE POLYMER SHAPES MATERIAL/TEXTURE CODE TABLE:

MATERIAL/ TEXTURE CODE	MATERIAL	SURFACE TEXTURE
9034	LEXAN 9034	SMOOTH
F6005	LEXAN F6000	VELVET/POLISHED
F6006	LEXAN F6000	SUEDE/POLISHED
F60011	LEXAN F6000	HAIRCELL/POLISHED
F60012	LEXAN F6000	HAIRCELL/POLISHED
F60025	LEXAN F6000	POLISHED/POLISHED
F60029	LEXAN F6000	HEAVY HAIRCELL/COBB
90318	LEXAN 90318	PROTECT-A-GLAZE

COLOUR CODE TABLE:

COLOUR CODE	GE POLYMER SHAPES COLOUR CODE	COLOUR NAME
01	N/A	CLEAR
02	701	BLACK
03	8063	OFF WHITE
04	GY3778	DARK GREY
05	50032	BEIGE
06	WH1158	WHITE
07	GY5B133	LIGHT GREY
08	112	CLEAR

EXAMPLES:

0.125 THICK, SMOOTH, CLEAR SHEET

0.063 THICK, HEAVY HAIRCELL/COBB TEXTURE, DARK GREY SHEET

0.080 THICK, SUEDE/POLISHED TEXTURE, BLACK SHEET

0.020 THICK, HAIRCELL/POLISHED TEXTURE, BEIGE SHEET

0.118 THICK, PROTECT-A-GLAZE, CLEAR SHEET

= MLEXS.125-9034-01

= MLEXS.063-F60029-04

= MLEXS.080-F6006-02

= MLEXS.020-F60011-05

= MLEXS.118-90318-08

PREFERRED SIZE: 0.TTT BY 4ft BY 8ft

RELEASED  
09/05/05

C	ADD LEXAN 90318 AND COLOUR CODE 08	PH	09.01.29
B	ADDED COLOUR CODE 07; UPDATED SHEET FORMAT	LE	07.10.10
A	NEW ISSUE; REPLACES M-LEXAN-S	CB	07.05.16
REV.	DESCRIPTION	BY	DATE
DESIGN	CB	DART AEROSPACE LTD	
DRAWN	PH	HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. C
MFG. APPR.	N/A	MLEXS	SHEET 1 OF 1
APPROVED		TITLE	SCALE
DE APPR.		LEXAN SHEET	NTS
DATE	09.01.29	COPYRIGHT © 2007 BY DART AEROSPACE LTD	
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# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: MLEXS.125-9034-01  
 DATE: 19/01/08

PO / BATCH NO.: P0042009/S142742

MATERIAL CERT REC'D: Yes  
 QUANTITY RECEIVED: 64sf  
 QUANTITY INSPECTED: 64sf  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.125  
 THICKNESS RECEIVED: 0.123  
 SHEET SIZE ORDERED: 4'x8' (x2)  
 SHEET SIZE RECEIVED: 4'x8' (x2)

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y	N	
CORROSION	Y	<input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y	N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="radio"/> Y	N	<u>Lexan</u>
CORRECT THICKNESS	<input checked="" type="radio"/> Y	N	
PHOTO REQUIRED	Y	<input checked="" type="radio"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y	N	<u>P0042009</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y	N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D	WEBSTER
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

*testers located in the Quality Office*

<b>QC 18 INSPECTION</b>		<b>ENGINEERING SIGNOFF (if required)</b>	
INSPECTED BY: <u>DAS 61</u> DATE: <u>19/01/08</u>	SIGNED OFF BY: _____ DATE: _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in